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S1	23519	(CYTOPLASM OR CYTOPLASMIC) AND TRANSFER
S2	0	S1 AND (DE-DIFFERNTIATE OR DE-DIFFERENTIATED OR DE-DIFFERE- NTIATION)
S3	0	S1 AND (DE-DIFFERENTIATE OR DE-DIFFERENTIATED OR DE-DIFFER- ENTIATION)
S4	3884	(CYTOPLASM OR CYTOPLASMIC) (N5) TRANSFER
S5	182	S4 AND (DIFFERENTIATE OR DIFFERENTIATED OR DIFFERENTIATION)
S6	181	S5 NOT PY>2001
S7	112	RD S6 (unique items)
S8	5	S7 AND (SOMATIC(W) CELLS)
S9	0	S7 AND (REPREOGRAMMING OR REPROGRAM OR REPROGRAMMED)
S10	3	S7 AND (REPROGRAMMING OR REPROGRAM OR REPROGRAMMED)
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t s8/medium/1-5
>>>"MEDIUM" is not a valid format name in file(s): 41

8/3/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2002 Inst for Sci Info. All rts. reserv.
04889120 Genuine Article#: UP653 No. References: 19
Title: IMMUNOLocalIZATION OF CYTOSKELETAL PROTEINS IN THE PREVITELLOGENIC
OVARIAN FOLLICLE OF THE LIZARD PODARCIS-SICULA
Author(s): MAURIZII MG; TADDEI C
Corporate Source: UNIV BOLOGNA,DIPARTIMENTO BIOL EXOLUZ SPERIMENTALE,VIA
SELMI 3/I-40126 BOLOGNA//ITALY//; UNIV BOLOGNA,DIPARTIMENTO BIOL EXOLUZ
SPERIMENTALE/I-40126 BOLOGNA//ITALY/
Journal: CELL AND TISSUE RESEARCH, 1996, V284, N3 (JUN), P489-493
ISSN: 0302-766X
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

8/3/2 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
04751952 H.W. WILSON RECORD NUMBER: BGSA02001952 (USE FORMAT 7 FOR
FULLTEXT)
Translational regulation and RNA localization in Drosophila oocytes and
embryos.
Johnstone, Oona
Lasko, Paul
Annual Review of Genetics v. 35 (2001) p. 365-406
SPECIAL FEATURES: bibl il ISSN: 0066-4197
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 21500

8/3/3 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.
03253294 H.W. WILSON RECORD NUMBER: BGSI96003294 (USE FORMAT 7 FOR
FULLTEXT)
Molecular genetic aspects of human mitochondrial disorders.
Larsson, Nils-Goran
Clayton, David A
Annual Review of Genetics (Annu Rev Genet) v. 29 ('95) p. 151-78
SPECIAL FEATURES: bibl il ISSN: 0066-4197
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 12787

8/3/4 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
10634641 20160684 PMID: 10694422
Both nuclear and cytoplasmic components are defective in oocytes of the
B6.Y(TIR) sex-reversed female mouse.
Amleh A; Smith L; Chen H; Taketo T
Urology Research Laboratory, Department of Surgery, McGill University,
Montreal, Quebec, H3A 1A1, Canada.
Developmental biology (UNITED STATES) Mar 15 2000, 219 (2) p277-86,
ISSN 0012-1606 Journal Code: 0372762
Document type: Journal Article

Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

8/3/5 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

10070053 99069630 PMID: 9851933

Eight calves cloned from **somatic cells** of a single adult.

Kato Y; Tani T; Sotomaru Y; Kurokawa K; Kato J; Doguchi H; Yasue H;
Tsunoda Y

Laboratory of Animal Reproduction, College of Agriculture and Research
Institute for Animal Developmental Biotechnology, Kinki University,
3327-204, Nakamachi, Nara, 631-8505, Japan.

Science (UNITED STATES) Dec 11 1998, 282 (5396) p2095-8, ISSN
0036-8075 Journal Code: 0404511

Comment in Science. 1998 Dec 11;282(5396) 1975-6; Comment in PMID 9874644

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

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5/K/1 (Item 1 from file: 5)
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...ABSTRACT: the inner cell mass and culture on embryonic fibroblast cell lines. These cells will spontaneously **differentiate** into all the primary embryonic lineages in vitro and in vivo, but they are unable...

...ongoing immune suppression. Although it is possible to customize ES cells by therapeutic cloning or **cytoplasmic transfer**, it would appear unlikely that these strategies will be used extensively for producing ES cells...

MISCELLANEOUS TERMS: cell **differentiation**;

5/K/2 (Item 2 from file: 5)
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...ABSTRACT: embryos, the timing seemed to coincide with the time that starts when cell fusion for **cytoplasmic transfer** was done. Therefore, the clock that determines the timing of the initiation of ALP expression...

MISCELLANEOUS TERMS: ...**cytoplasmic transfer**; ...

...endoderm **differentiation**;

5/K/3 (Item 3 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

ABSTRACT: Nuclei of **differentiated** cells can acquire totipotency following **transfer** into the **cytoplasm** of oocytes. While the molecular basis of this nuclear reprogramming remains unknown, the developmental potential...

DESCRIPTORS:

...ORGANISMS: PARTS ETC: **differentiated**, totipotency

5/K/4 (Item 4 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies the transferred nucleus.

...ABSTRACT: oocytes. Thus far, oocytes are the only cells that can convert nuclei, which are already **differentiated**, into undifferentiated stages resembling pronuclei in freshly fertilized zygotes and that can then complete development...

MISCELLANEOUS TERMS: ...oocyte **cytoplasm**-modified nucleus
transfer

5/K/5 (Item 5 from file: 5)
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...ABSTRACT: between cells in various tissues is considered an important mechanism for control of cellular growth, **differentiation** and function. Although cell-cell coupling in the gill epithelium is likely for functional reasons...

...were coupled to at least one other cell. To exclude the possibility that intercellular dye **transfer** occurred through **cytoplasmic** bridges instead of gap junctions, we also microinjected FITC-dextran, which because of its molecular...

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>>>"MEDIUM" is not a valid format name in file(s): 41

10/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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13050894 BIOSIS NO.: 200100258043
Factors controlling the loss of immunoreactive somatic histone H1 from
blastomere nuclei in oocyte cytoplasm: A potential marker of nuclear
reprogramming,
AUTHOR: Bordignon Vilceu(a); Clarke Hugh J; Smith Lawrence C(a)
AUTHOR ADDRESS: (a)Centre de Recherche en Reproduction Animale (CRRA),
Faculte de Medecine Veterinaire, Universite de Montreal, Saint-Hyacinthe,
PQ, J2S 7C6**Canada
JOURNAL: Developmental Biology 233 (1):p192-203 May 1, 2001
MEDIUM: print
ISSN: 0012-1606
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

10/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS, All rts. reserv.

13047325 BIOSIS NO.: 200100254474
Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies
the transferred nucleus.
AUTHOR: Fulka J Jr(a); Loi P; Ledda S; Moor R M; Fulka J
AUTHOR ADDRESS: (a)Institute of Animal Production, CZ-104 01, Prague 10:
Fulka@vuzv.cz**Czech Republic
JOURNAL: Theriogenology 55 (6):p1373-1380 April 1, 2001
MEDIUM: print
ISSN: 0093-691X
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

10/3/3 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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134067169 CA: 134(6)67169r PATENT
Cytoplasmic transfer to de-differentiate recipient cells
INVENTOR(AUTHOR): Chapman, Karen B.
LOCATION: USA
ASSIGNEE: Advanced Cell Technology, Inc.
PATENT: PCT International ; WO 200100650 A1 DATE: 20010104
APPLICATION: WO 2000US18063 (20000630) *US PV141250 (19990630)
PAGES: 33 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C07H-021/04A;
C12N-005/00B; C12N-005/06B; C12N-005/10B; C12N-005/12B; C12N-005/16B;
C12N-005/22B; C12N-005/26B; C12N-005/28B; C12N-015/02B; C12N-015/07B;
C12N-015/08B; C12N-015/09B; C12N-015/11B; C12N-015/12B; C12N-015/16B;
C12N-015/18B; C12N-015/19B; C12N-015/52B DESIGNATED COUNTRIES: AE; AG; AL;
AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CR; CU; CZ; DE; DK; DM;
DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP;
KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ;
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ;
VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH

; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES;
FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN;
GW; ML; MR; NE; SN; TD; TG
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10/K/1 (Item 1 from file: 5)
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...immunoreactive somatic histone H1 from blastomere nuclei in oocyte cytoplasm: A potential marker of nuclear **reprogramming**.

ABSTRACT: Nuclei of **differentiated** cells can acquire totipotency following **transfer** into the **cytoplasm** of oocytes. While the molecular basis of this nuclear **reprogramming** remains unknown, the developmental potential of nuclear-transfer embryos is influenced by the cell-cycle...

...development of the reconstructed embryo, suggesting that it may act as a marker of nuclear **reprogramming**, we investigated the link between cell-cycle state and depletion of immunoreactive H1 following nuclear...

DESCRIPTORS:

...ORGANISMS: PARTS ETC: **differentiated**, totipotency

MISCELLANEOUS TERMS: ...nuclear **reprogramming**;

10/K/2 (Item 2 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

Nucleus **transfer** in mammals: How the oocyte **cytoplasm** modifies the transferred nucleus.

ABSTRACT: Successful development of clones depends on the **reprogramming** of transferred nuclei in enucleated oocytes. Thus far, oocytes are the only cells that can convert nuclei, which are already **differentiated**, into undifferentiated stages resembling pronuclei in freshly fertilized zygotes and that can then complete development...

...embryos. However, we still don't know exactly how the enucleated oocyte (cytoplasm) secures this **reprogramming**. Oocytes exhibit a number of cytoplasmic activities that may be involved **reprogramming**. We discuss how these activities may be involved in **reprogramming** of transferred nuclei.

MISCELLANEOUS TERMS: ...oocyte **cytoplasm**-modified nucleus
transfer

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